

EXPLORING WATER WITH YOUNG CHILDREN

GUIDING PRINCIPLES

- All three- to five-year-olds can successfully experience rich, in-depth, scientific inquiry.
- The science content draws from children's experiences, is interesting and engaging, and can be explored directly and deeply over time.
- Expectations are developmentally appropriate; that is, they are realistic and can be tailored to the strengths, interests, and needs of individual children.
- Discussion, expression, and representation are critical ways in which children reflect on and develop theories from their active work.
- Children learn from one another.
- Teachers take on specific roles to actively support and guide children's science learning.